Electronic Acknowledgement Receipt				
EFS ID:	2129798			
Application Number:	10619796			
International Application Number:				
Confirmation Number:	7886			
Title of Invention:	Sparse and efficient block factorization for interaction data			
First Named Inventor/Applicant Name:	Francis X. Canning			
Customer Number:	20995			
Filer:	Lee W. Henderson/Linh Do			
Filer Authorized By:	Lee W. Henderson			
Attorney Docket Number:	CANNING.001CP2			
Receipt Date:	27-AUG-2007			
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Application Type:	Utility under 35 USC 111(a)			

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File Listing:

Document	Document Description	File Name	File Size(Bytes)	Multi	Pages
Number		File Name	/Message Digest	Part /.zip	(if appl.)

1	Request for Continued Examination (RCE)	RCE_CANNING-001CP2.pdf	70694	no	2
			1eef1c4fa1e87f2e1e4dff6fdafa3dd6817 7b450		
Warnings:					
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Information	:				
		Amendment_CANNING-001	961415	Voc	18
2		CP2.pdf	d6a16c2e466cbbab29427f35994bb262 6297d486	yes	10
	Multipa	rt Description/PDF files in	.zip description		
	Document Description		Start	End	
	Amendment After Final		1	1	
	Claims		2	8	
	Applicant Arguments/Remarks Made in an Amendment		9	18	
Warnings:					
Information					
3	Information Disclosure Statement	IDS_CANNING-001CP2.pdf	125145	no	3
	(IDS) Filed		0d2b367d96c2ea1e815846a3f33d8798 e81bc07c		
Warnings:					
Information	!				
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4	Fee Worksheet (PTO-06)	fee-info.pdf	8572	no	2
4	rec Worksheet (110 day	ioo iiio.pai	181281586148d48ede98f88c0bdde2498 9192164	110	
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Information	:		1		
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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.